

60,246-231; 9846

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant: Rousseau  
Serial Number: tba  
Filed: Herewith  
Group Art Unit:  
Examiner:  
Title: "Variable Speed Drive Chiller System"  
Attorney Docket Number: 60,246-231; 9846  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**PRELIMINARY AMENDMENT**

Dear Sir:

Prior to examination of this Reissue Application, please enter new reissue claims 18-25.

18. (New) A refrigeration system having:

a closed fluid circuit serially including a compressor, a discharge line, a condenser, an expansion device, a chiller and a suction line leading back to said compressor;  
water passing through said chiller in a heat exchange relationship and being cooled;  
said compressor being unloaded solely by regulating the speed of said compressor;  
motor means for driving said compressor;  
means for varying the speed of said motor means by controlling the frequency of electrical current supplied to said motor;  
means for providing cooling to said means for varying the speed;  
means for sensing the temperature of water leaving said chiller;